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REPORT

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DATE OF
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SUBJECT Transportation - Trailer truck

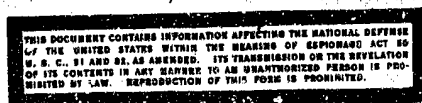
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THIS IS UNEVALUATED INFORMATION

SOURCE Avtomobil'naya Promyshlennost', No 4, 1949THE MAZ-205A-5201 TRAILER TRUCK

The MAZ-205A tractor truck and the 12-ton MAZ 5201 semitrailer are manufactured at the Minsk Automobile Plant.

The maximum speed of the loaded tractor-trailer combination on a flat paved road is 35 kilometers per hour. The fully loaded gross weight of the combination is 22 tons. Operating distance on one tank of fuel is 200 kilometers. Turning radius is 8.5 meters.

The tractor is of the two-axle, rear-wheel-drive type with a 110-horsepower Diesel engine. Dimensions of the tractor are as follows: length 5,770 mm, width 2,615 mm, wheel base 3,800 mm, wheel gage 1,950 mm. The tires (front single, rear double) have 12 x 20 inch treads; operating pressure is 4.5 atmospheres. The brakes of the trailer operate off the tractor's airbrake system.

A bolster-coupling arrangement supports the front part of the semitrailer and secures it to the tractor. The clamp is on the tractor, and the coupling bolt is on the semitrailer.

Coupling is effected automatically, but incoupling is accomplished manually with the aid of a lever located on the clamping part of the bolster. The bolster pivots on its axis through an angle of 16 degrees 30 seconds.

The semitrailer is 6,480 mm long, 2,615 mm wide; loading volume, 14.85 cubic meters; loading height, 1,480 mm. It has a hand brake to hold it while standing. The lever of the hand brake is located horizontally on the frame and is found on the right-hand side of the center section.

The airbrake of the semitrailer consists of a single-stage system, having a head, hose, valve pipe, brake valve, cock pipe, stop cock, air-feed pipe, air cylinder, chamber tube, and brake chamber. The brakes of the tractor and the semitrailer operate simultaneously.

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